

Agenda Item: 8B
Meeting Dates: December 8, 2005

CONSIDERATION OF A RESOLUTION APPROVING AN ECOSYSTEM RESTORATION PROGRAM GRANT AGREEMENT AMENDMENT WITH SUTTER MUTUAL WATER COMPANY FOR CONSTRUCTION OF THE TISDALE POSITIVE BARRIER FISH SCREEN AND PUMPING PLANTS PROJECT AND AUTHORIZING THE DIRECTOR, OR DESIGNEE, TO PROCESS THE APPROVED AMENDMENT

Summary: This resolution would approve an amendment to an existing grant agreement with the Sutter Mutual Water Company to provide \$1 million in additional State funding to complete construction of the Tisdale Positive Barrier Fish Screen/Pumping Plants Project. This amendment would increase the project's current total State funding level to \$7,865,500. A detailed description of the project is provided in Attachment 1 of Resolution 05-12-04.

Recommended Action: The California Bay-Delta Authority adopt the attached Resolution 05-12-04.

Background

In December 2004, the California Bay-Delta Authority awarded a contract for \$6,856,500 (Proposition 204) to Sutter Mutual Water Company (SMWC) for Phase IV (Construction) of the Tisdale Positive Barrier Fish Screen and Pumping Plants Project with an effective start date of February 1, 2005 (See Authority Resolution 04-12-01). The overall objective of this multi-phase project is to screen the largest of SMWC's diversions (960 cubic feet per second [cfs]) for protection of at-risk fish species identified under the California and Federal Endangered Species Acts such as spring- and winter-run Chinook salmon and steelhead. This screen is also one of the planned Ecosystem Restoration Program actions that resulted in the delisting of Sacramento splittail. Through a competitive bid process, two supplier contracts and a construction contract were awarded by SMWC, supplies have been delivered to the project site, and construction is well underway.

This amendment request is for an increase of \$1 million (14.5 percent of the total State grant amount) to cover additional construction costs. The added funding is mainly required because construction costs increased between the time of the estimate and the time of bid opening. Specifically, all bids came in higher than SMWC's estimate owing to the escalating world price of steel and cement. In addition to a higher demand for steel, increased shipping costs due to fuel prices

have generally raised construction supply costs. SMWC is also requesting \$300,000 for potential change orders to the contract. The \$300,000 (2.5 percent of the construction contract amount) is within the construction industry standards for change orders and SMWC will make every effort to control the extent of change orders.

The U.S. Bureau of Reclamation (USBR) is providing 50 percent of the funding for this multi-phase project under the Anadromous Fish Screen Program (AFSP) of the Central Valley Project Improvement Act (CVPIA). The total extra funding needed for Phase IV is \$2 million. This extra funding request is being split between the Authority (\$1million) and USBR (\$1 million).

Attachment 1 of the Resolution further describes the project's history and objectives and how it accomplishes ERP goals.

Fiscal Information

Funding Source: Proposition 204 (CBDA)

Term: February 1, 2005 to January 31, 2008

Total Amount of Additional Recommended State Funding: \$1,000,000

Total State Funding Amount (with recommended increase): \$7,856,500

List of Attachments

Resolution 05-12-04

Contact

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CALIFORNIA BAY-DELTA AUTHORITY

RESOLUTION 05-12-04

APPROVING AN ECOSYSTEM RESTORATION PROGRAM GRANT AGREEMENT AMENDMENT WITH SUTTER MUTUAL WATER COMPANY FOR CONSTRUCTION OF THE TISDALE POSITIVE BARRIER FISH SCREEN AND PUMPING PLANTS PROJECT AND AUTHORIZING THE DIRECTOR, OR DESIGNEE, TO PROCESS THE APPROVED AMENDMENT

WHEREAS, the CALFED Ecosystem Restoration Program presents a comprehensive vision for improving and increasing aquatic and terrestrial habitats and improving ecological functions in the Bay-Delta ecosystem; and

WHEREAS, those State and Federal agencies with CALFED Program restoration funds have coordinated their efforts to solicit for and select the best projects to implement the Ecosystem Restoration Program, with assistance of the staff from the California Bay-Delta Authority; and

WHEREAS, the Authority has received appropriations of Proposition 204 funds to implement the Ecosystem Restoration Program; and

WHEREAS, the Authority may distribute funds through grants; and

WHEREAS, the proposed amendment for additional funding for the Tisdale Positive Barrier Fish Screen and Pumping Plants Project constitutes an eligible project for purposes of receiving Ecosystem Restoration Program funds from the applicable funding source; and

WHEREAS, the proposed amendment listed in Attachment 1 currently meets the objectives of the CALFED program; and

WHEREAS, approval of the grant amendment shall be conditioned upon the grantee complying with all applicable laws and regulations;

NOW, THEREFORE, BE IT RESOLVED that the California Bay-Delta Authority hereby approves an amendment to an Ecosystem Restoration Program grant agreement with the Sutter Mutual Water Company in the amount of up to \$1,000,000 to complete the construction phase of the Tisdale Positive Barrier Fish Screen and Pumping Plants Project (ERP-02D-P70).

CERTIFICATION

The undersigned Assistant to the California Bay-Delta Authority does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the Authority held on December 8, 2005.

Dated:_____

Assistant to the California Bay-Delta Authority

ECOSYSTEM RESTORATION PROJECT DESCRIPTION

Applicant Organization: Sutter Mutual Water Company

Project Title: Tisdale Positive Barrier Fish Screen/Pumping Plants Project (ERP-02D-P70)

Recommended Additional Funding: \$1,000,000

General Project Description:

Sutter Mutual Water Company (SMWC) provides water to approximately 50,000 acres of agricultural lands on the east side of the Sacramento River, approximately 45 miles northwest of Sacramento, California. SMWC was formed to provide a reliable water supply to the area's farmers and has evolved to include four pumping plants at three locations on the Sacramento River as well as 56 miles and 144 miles of canals and laterals, respectively.

In an effort to screen for the protection of species identified under the California and Federal Endangered Species Acts, SMWC has worked with resource agencies to develop fish protection solutions at SMWC's pumping plants on the Sacramento River. The Tisdale Positive Barrier Fish Screen/Pumping Plants Project was designed to eliminate fish entrainment losses while maintaining SMWC's diversions. The project will construct a new vertical flat-plate screen structure in front of the existing Tisdale Pumping Plant No. 1 and Pumping Plant No. 2 facilities while still accommodating the diversion flow of 960 cfs.

The Tisdale Positive Barrier Fish Screen/Pumping Plants Project will directly contribute to the resolution of the conflict between protecting endangered species and providing reliable supplies of water for agriculture. The project is listed as a CALFED Ecosystem Restoration Program (ERP) priority for the Sacramento Region in the *ERP Draft Stage 1 Implementation Plan* and contributes to the broader ERP Goal (1) of "At-Risk Species Recovery." All runs of Chinook salmon, steelhead trout, and Sacramento splittail will benefit from the project due to a dramatic reduction (~95 percent) in fish mortality at the diversion site on the Sacramento River. In addition to the above-mentioned species, the project will contribute to the goal of doubling other anadromous fish named in the Central Valley Project Improvement Act (CVPIA), specifically, white and green sturgeon, American shad, and striped bass.

Past CALFED non-Federal funding for the project has included \$600,000 (2002) for preliminary design, \$1,270,000 (2003) for final design/permitting, and \$6,856,500 (2004) for construction. In addition, the U.S. Bureau of Reclamation through CVPIA's Anadromous Fish Screen Program (AFSP) is providing the 50 percent Federal cost

share for the multi-phased project. This amendment request is for an increase of \$1 million (14.5 percent of the total 2004 State grant amount) to cover additional construction costs. The added funding is mainly required because construction costs increased between the time of the estimate and the time of bid opening. Specifically, all bids came in higher than SMWC's estimate owing to the escalating world price of steel and cement. In addition to a higher demand for steel, increased shipping costs due to fuel prices have generally raised construction supply costs. SMWC is also requesting \$300,000 for potential change orders to the contract. The \$300,000 (2.5 percent of the construction contract amount) is within the construction industry standards for change orders and SMWC will make every effort to control the extent of change orders.